

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	10/506783	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 14:36
S2	9	"0933955"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 16:30
S3	0	ep0933955	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 16:30
S4	2	cellular near radio near system near allowing and kabushiki	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 16:34
S5	3	"2001019954"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 16:34
S6	0	2001/019954	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 16:34
S7	0	2001/019954-a1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 16:34
S8	0	2001019954a1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 16:35

## EAST Search History

S9	4916	"lim et al"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 17:49
S10	3	"2001019954"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 16:38
S11	4563	utilization near factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 17:44
S12	15	utilization near factor with time near interval\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 16:54
S13	33	utilization near factor same time near interval\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 16:54
S14	5	utilization near factor same time near interval\$2 same transmission	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 16:54
S15	659	transmission near capacity near5 used	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/06 17:00
S16	106	transmission near capacity near used	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/06 17:01
S17	46	utilization near factor same resources	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 17:07

## EAST Search History

S18	5	utilization near factor same resources same transmission	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 17:07
S19	3	utilization near factor same transmission near capacity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 17:45
S20	0	us2001019954	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 17:46
S21	3	"2001019954"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 17:46
S22	10	lim near et near al same korea	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 17:49
S23	4916	lim near et near al	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 17:49
S24	127	("455".clas. "370".clas.) and "lim et al"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 17:54
S25	24	(455/452.1.ccls. 455/464.ccls.) and transmission near capacity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 18:07

## EAST Search History

S26	61	(455/452.1.ccls. 455/464.ccls.) and (allocat\$4 assign\$4) near4 radio near3 resource\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 18:02
S27	0	(455/452.1.ccls. 455/464.ccls.) and (allocat\$4 assign\$4) near4 radio near3 resource\$2 same monitor\$4 near3 transmission\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 18:03
S28	5	(455/452.1.ccls. 455/464.ccls.) and (allocat\$4 assign\$4) near4 radio near3 resource\$2 same monitor\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 18:26
S29	545	(455/452.1.ccls. 455/464.ccls.) and @ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 18:10
S30	4	assign near user\$2 near5 bandwidth and @ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 18:13
S31	41	"455".clas. and utilization near factor and @ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 18:13
S32	156	determin\$3 near4 ("how much" "amount") same bandwidth near5 used	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 16:04
S33	113	(455/452.1.ccls. 455/464.ccls.) and (allocat\$4 assign\$4) near3 resource\$2 and @ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 18:27

## EAST Search History

S34	1	(user (mobile cellular wireless) near \$4phone) near (allocat\$3 assign\$3 given) near3 (amount segment) near2 bandwidth same (allocat\$3 assign\$3) near2 resource\$2 and @ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 18:56
S35	493	(allocat\$3 assign) same bandwidth near used and @ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 18:57
S36	246	(allocat\$3 assign) with bandwidth near used and @ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 18:57
S37	12	(allocat\$3 assign) near3 resource\$2 with bandwidth near used and @ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 20:14
S38	13	(allocat\$3 assign given) near3 resource\$2 with bandwidth near (used utilized) and @ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 20:15
S39	12	(allocat\$3 assign) near3 resource\$2 with bandwidth near used and @ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 20:15
S40	1	S38 not S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 20:15
S41	39	(allocat\$3 assign) near3 resource\$2 same bandwidth near used and @ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 20:27

## EAST Search History

S42	40	utilization near factor same bandwidth and @ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 20:27
S43	4	"455".clas. and utilization near factor same bandwidth and @ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/06 20:27
S44	1186	(give giving assign\$3 allocat\$3) near8 (radio adj resource\$2)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 11:04
S45	8	(give giving assign\$3 allocat\$3) near8 (radio adj resource\$2) same transmission adj capacity	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 11:27
S46	1577	455/450-452.2.ccls. and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 12:19
S47	5	((qos quality adj of adj service) same bandwidth same capacity) and S46	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 11:28
S48	322	(allocat\$4 assign\$3) near2 channel\$2 same bandwidth near4 (used utilized)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 11:35
S49	17	S46 and S48	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 11:43
S50	5	(adapt\$5 variable) near4 bandwidth with (amount capacity) near3 (used utilized)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 11:48
S51	1	(adapt\$5 variable change changing) near4 bandwidth same (based dependent depending) near7 (amount capacity) near3 (used utilized)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 11:49
S52	3	(adapt\$5 variable change changing) near4 bandwidth same (based dependent depending) near7 (amount capacity) near8 (used utilized)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/05 16:06
S53	90	(based dependent depending) near7 (amount) near8 bandwidth near5 (used utilized)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 12:03

## EAST Search History

S54	0	(455/450-452.2.ccls. 455/509.ccls. "455""." "516".ccls. 455/455.ccls.) and (based dependent depending) near7 (amount) near8 bandwidth near5 (used utilized)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 12:06
S55	0	(455/450-452.2.ccls. 455/509.ccls. 455/516.ccls. 455/455.ccls.) and (based dependent depending) near7 (amount) near8 bandwidth near5 (used utilized)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 12:07
S56	41	("455".clas. "370".clas.) and (based dependent depending) near7 (amount) near8 bandwidth near5 (used utilized)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 12:10
S57	5	("455".clas. "370".clas.) and (bandwidth near given allocated assigned) same (based dependent depending) near7 (amount) near8 bandwidth near5 (used utilized)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 12:14
S58	21	(bandwidth near2 given allocat\$3 assign\$3) same (based dependent depending) near7 (amount) near8 bandwidth near5 (used utilized)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 12:14
S59	130	(455/450-452.2.ccls.) and qos and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:34
S60	137	(455/450-452.2.ccls. 455/509.ccls. 455/455.ccls. 455/516.ccls.) and qos and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 15:52
S61	9363	transmission adj capacity	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:08
S62	225	transmission adj capacity with transmission adj rate\$2	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:08
S63	167	transmission adj capacity with transmission adj rate\$2 and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:08
S64	25	transmission adj capacity with ((assign\$3 allocat\$3) with transmission adj rate\$2) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:18
S65	2138	utilization adj factor and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:18
S66	6	utilization adj factor same transmission adj rate and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:22

## EAST Search History

S67	1	utilization adj factor same bandwidth near3 used and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:22
S68	7	utilization adj factor same (channel bandwidth) near3 (used usage) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:24
S69	2	allocate near data near transmission near rate and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:27
S70	116	(allocat\$3 assign\$4) near3 data near transmission near rate\$2 and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:32
S71	2	"2001019954"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:34
S72	27	(455/450-452.2.ccls.) and qos same capacity and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:34
S73	1	uili and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 14:22
S74	2	uili "use it or lose it" and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 14:22
S75	137	adaptive near channel near allocation and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 14:22
S76	4	("5708968").URPN.	USPAT	OR	OFF	2005/06/07 14:26
S77	0	time near interval\$2 with (bandwidth channel capacity) near ("not") near (utilized maximized used)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:06
S78	820	time near interval\$2 with (bandwidth channel capacity) with (utilized maximized used)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:06
S79	0	time near interval\$2 same (bandwidth channel capacity) near ("not") near (utilized maximized used)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:06
S80	1509	time near interval\$2 same (bandwidth channel capacity) near5 (utilized maximized used)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:06
S81	450	time near interval\$2 same (bandwidth channel capacity) near (utilized maximized used)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:07

## EAST Search History

S82	350	time near interval\$2 same (bandwidth channel capacity) near (utilized maximized used) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:08
S83	0	time near3 user near3 "not" near3 (receive transmit)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:16
S84	20	"not" with (transmit\$4 receiv\$4) near data	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:17
S85	3516	time with user with (transmit\$4 receiv\$4) near data	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:18
S86	0	time with user near2 does near2 (transmit\$4 receiv\$4) near data	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:18
S87	0	time same user near2 does near2 (transmit\$4 receiv\$4) near data	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:18
S88	1135	time with user near2 (transmit\$4 receiv\$4) near data	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:19
S89	42	time near interval with user near2 (transmit\$4 receiv\$4) near data	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:20
S90	38	determin\$3 near3 time with user near2 (transmit\$4 receiv\$4) near data	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:22
S91	11	determin\$3 adj2 time with user near2 (transmit\$4 receiv\$4) near data	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:29
S92	18	(actual and (target estimate\$2)) near2 time with transmission near3 data	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:32
S93	19	(actual\$4 and (target estimate\$2)) near2 time with transmission near3 data	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:33
S94	267	(actual\$4 ) near2 time with transmission near3 data	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:33
S95	202	(actual\$4 ) near2 time near6 transmission near3 data	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:36
S96	14	determin\$4 near6 (actual\$4 ) near2 time near6 transmission near3 data	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 16:36
S97	0	("2003/0016739").URPN.	USPAT	OR	OFF	2005/06/07 18:05

## EAST Search History

S98	1	"5164938".pn.	USPAT	OR	OFF	2005/06/07 18:05
S99	0	monitor\$3 near3 base near station near3 ("no" without) near2 (transmission throughput)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 12:02
S100	165	monitor\$3 near3 base near station near3 (transmission throughput)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 12:02
S101	57	monitor\$3 near3 base near station near3 (transmission throughput) same time	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 12:03
S102	27	monitor\$3 near3 base near station near3 (transmission throughput) with time	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 12:08
S103	6	transmit with OSI with first near layer	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 12:22
S104	11	transmit\$4 with OSI with first near layer	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 12:34
S105	2	OSI same first adj layer with monitor\$3 same transmi\$6	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 12:36
S106	2	OSI same first adj layer same monitor\$3 same transmi\$6	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 12:36
S107	76	OSI same first adj layer same transmi\$6	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 12:39
S108	236	monitor with base near station near4 transmission\$2	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 13:28
S109	2	monitor with OSI near9 (first physical) near layer	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 13:29
S110	17	OSI near9 (first physical) near layer with transmit\$6	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 13:33
S111	1	OSI same (first physical) adj layer with transmi\$7 near (bit\$2 data)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 13:35
S112	1	OSI same (first physical) adj layer with (transmi\$7 send\$2) near (bit\$2 data)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 13:35
S113	1	OSI same (first physical) adj layer with (transmi\$7 send\$4) near (bit\$2 data)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 13:36

## EAST Search History

S11 4	0	OSI same (physical) adj layer same (transmi\$7 send\$4) near5 (bit\$2 data)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 13:36
S11 5	732	OSI same (physical) adj layer same (transmi\$7 send\$4) near5 (bit\$2 data)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 13:36
S11 6	412	OSI same (first physical) adj layer with (transmi\$7 send\$4) near5 (bit\$2 data)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 13:36
S11 7	143	OSI with (first physical) adj layer with (transmi\$7 send\$4) near5 (bit\$2 data)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 13:37
S11 8	117	OSI with (first physical) adj layer with (transmi\$7 send\$4) near5 (bit\$2 data) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 13:38
S11 9	105	OSI with (first physical) adj layer with (transmi\$7 send\$4) near2 (bit\$2 data) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 13:44
S12 0	58	monitor with base adj station near5 transmitting and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 13:45
S12 1	143	base adj station near5 monitor\$4 near9 transmitting and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 13:46
S12 2	89	base adj station near5 monitor\$4 near5 transmitting and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 13:47
S12 3	16	(actual and (target expected)) near2 transmission near time	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 14:35
S12 4	9	(actual same (target expected)) near2 transmission near time	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 14:48
S12 5	94	allocat\$3 near3 channel near8 transmission near rate	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 14:48
S12 6	131	(measur\$4 determin\$4) same transmission near gap\$2	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 14:58
S12 7	51	(measur\$4 determin\$4) near3 transmission near gap\$2	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 14:59
S12 8	39	(measur\$4 determin\$4) near3 transmission near gap\$2 and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 15:01

## EAST Search History

S129	0	actual adj time near5 measur\$6 same expected adj time with divid\$4 and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 15:01
S130	19	actual near5 measur\$6 same expected with divid\$4 and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 15:02
S131	2	"6564067".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 15:19
S132	31	user near (assign\$3 allocate\$3) near4 (multiple plural\$4) near4 channel\$2	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/08 15:26
S133	2	"4980886".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/01/12 18:55
S134	1141	(allocated assigned) near5 (bandwidth channel) near5 (usage utilization utiliz\$4)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/17 15:06
S135	827	(allocated assigned) near5 (bandwidth channel) near5 (usage utilization utiliz\$4) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/17 15:06
S136	51	(455/450.ccls. 455/451.ccls. 455/452.1.ccls. 455/453.ccls.) and (allocated assigned) near5 (bandwidth channel) near5 (usage utilization utiliz\$4) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/17 15:11
S137	36	(455/450.ccls. 455/451.ccls. 455/452.1.ccls. 455/453.ccls.) and (usage utilization utiliz\$4) near3 (factor measurement) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/17 15:11
S138	22	(455/450.ccls. 455/451.ccls. 455/452.1.ccls. 455/453.ccls.) and (usage utilization utiliz\$4) near2 (factor measurement) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/17 15:11
S139	0	2003/0148772	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/19 12:54
S140	2	"20030148772"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/19 12:54
S141	523	(utiliz\$6 near3 transmission actual near rate) same (expected near rate transmission near capacity)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 14:38

## EAST Search History

S14 2	3	455/452.2.ccls. and (utiliz\$6 near3 transmission actual near rate) same (expected near rate transmission near capacity)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 14:38
S14 3	2	455/452.2.ccls. and (utiliz\$6 near3 transmission actual near rate) same (expected near rate transmission near capacity) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 14:39
S14 4	0	455/452.2.ccls. and (utiliz\$6 near3 (transmission bandwidth) actual near rate near transmi46) near7 determin and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 14:40
S14 5	4	455/452.2.ccls. and (utiliz\$6 near3 (transmission bandwidth) actual near rate near transmi46) near7 determin\$4 and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 14:43
S14 6	26375	(utiliz\$6 near3 (transmission bandwidth) actual near rate near transmi46) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 14:43
S14 7	45	(utiliz\$6 near3 (transmission bandwidth) actual near rate near transmi46) same time near6 (no "not") near6 (transmission\$1 transmitting) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 15:17
S14 8	0	( actual near rate near transmi46) near3 determined and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 15:21
S14 9	0	( actual near rate near transmi46) near5 determined and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 15:21
S15 0	1291	("370".clas. "455".clas.) and (target and actual) same (transmission\$1 capacity usage)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 15:42
S15 1	63	("370".clas. "455".clas.) and (target and actual) same (transmission\$1 capacity usage) same bandwidth and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 15:42
S15 2	13494197	("370".clas. "455".clas.) and (target and actual) same (transmission\$1 capacity usage) same bandwidth same determin\$3and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 15:42

## EAST Search History

S15 3	0	("370".clas. "455".clas.) and (target and actual) same (transmission\$1 capacity usage) same bandwidth same (estimat\$4determin\$3) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 15:43
S15 4	13	("370".clas. "455".clas.) and (target and actual) same (transmission\$1 capacity usage) same bandwidth same (estimat\$4determin\$3) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 15:46
S15 5	6	08/460965	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 15:47
S15 6	21	(455/450-452.2.ccls. 455/509.ccls. 455/455.ccls. 455/516.ccls.) and qos same actual and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 15:55
S15 7	0	2001/019954	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 15:55
S15 8	2	"2001019954"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 15:55
S15 9	2	"20010019954"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 15:57
S16 0	2	"4980886".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 15:57
S16 1	202	determin\$3 near4 ("how much" "amount" actual) same bandwidth near5 (used usage utilization utilized) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 16:05
S16 2	7	(455/450.ccls. 455/451.ccls. 455/452.1.ccls. 455/452.2.ccls.) and determin\$3 near4 ("how much" "amount" actual) same bandwidth near5 (used usage utilization utilized) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 16:16
S16 3	4	(455/450.ccls. 455/451.ccls. 455/452.1.ccls. 455/452.2.ccls.) and (qos quality near of near service) same ("how much" "amount" actual) same bandwidth near5 (used usage utilization utilized) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 16:08

## EAST Search History

S16 4	6394	bandwidth near5 (used usage utilization utilized) same (time time near period) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 16:17
S16 5	86	(455/450.ccls. 455/451.ccls. 455/452.1.ccls. 455/452.2.ccls.) and bandwidth near5 (used usage utilization utilized) same (time time near period) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 16:25
S16 6	6	(455/450.ccls. 455/451.ccls. 455/452.1.ccls. 455/452.2.ccls.) and utilization near factor and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/08 17:59
S16 7	108	(455/450.ccls. 455/451.ccls. 455/452.1.ccls. 455/452.2.ccls.) and (adaptive dynamic\$4) same (channel bandwidth) same allocation same (user\$1 subscriber\$1) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 16:26
S16 8	18	(455/450.ccls. 455/451.ccls. 455/452.1.ccls. 455/452.2.ccls.) and (adaptive dynamic\$4) same (channel bandwidth) same allocation same (user\$1 subscriber\$1) same (usage use utilization) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/21 16:27
S16 9	14	("5805599").URPN.	USPAT	OR	OFF	2006/07/21 16:31
S17 0	5	("5258979"   "5265091"   "5452297"   "5583857"   "5623492").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/21 16:33
S17 1	2	(uili "use or lose it" use\$1it\$1or\$1lose\$1it) same channel same bandwidth same (guaranteed qos)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/21 16:36
S17 2	2	(uili "use or lose it" use\$1it\$1or\$1lose\$1it) same channel same bandwidth	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/21 16:36
S17 3	2	(uili "use or lose it" use\$1it\$1or\$1lose\$1it (use near "it" near "or" near lose near it)) same channel same bandwidth	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/21 16:37
S17 4	32	(uili "use or lose it" use\$1it\$1or\$1lose\$1it (use near "it" near "or" near lose near it)) same channel	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/21 16:38

## EAST Search History

S17 5	14	("455".clas. "370".clas.) and (uili "use or lose it" use\$1it\$1or\$1lose\$1it (use near "it" near "or" near lose near it))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/21 16:40
S17 7	88	("455".clas. "370".clas.) and bandwidth same (under\$1utilized un\$1used wasted) same (time near period time near span time near certain) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 18:02
S17 8	19	("455".clas. "370".clas.) and bandwidth same (under\$1utilized un\$1used wasted) same (time near period time near span time near certain) same utilization and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/21 17:03
S17 9	0	("455".clas. "370".clas.) and (allocat\$4 assign\$4) same (channel\$1 resource\$1 bandwidth) same (depend\$3 near on based near on) same actual near2 (utilization usage use) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/21 17:05
S18 0	0	("455".clas. "370".clas.) and (allocat\$4 assign\$4) same (channel\$1 resource\$1 bandwidth) same (depend\$3 near on based near on) same (utilization usage use) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/21 17:05
S18 1	1101	("455".clas. "370".clas.) and (allocat\$4 assign\$4) same (channel\$1 resource\$1 bandwidth) same (depend\$3 based) same (utilization usage use) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/21 17:06
S18 2	161	("455".clas. "370".clas.) and (allocat\$4 assign\$4) near7 (channel\$1 resource\$1 bandwidth) near7 (depend\$3 based) near7 (utilization usage use) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/21 17:07
S18 3	111	("455".clas. "370".clas.) and (allocat\$4 assign\$4) near5 (channel\$1 resource\$1 bandwidth) near5 (depend\$3 based) near5 (utilization usage use) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/21 17:08

## EAST Search History

S18 4	43734	("455".clas. "370".clas.) and (dynamic\$5 adaptiv\$6) (allocat\$4 assign\$4) near5 (channel\$1 resource\$1 bandwidth) near5 (depend\$3 based) near5 (utilization usage use) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/21 17:08
S18 5	21	("455".clas. "370".clas.) and (dynamic\$5 adaptiv\$6) near5 (allocat\$4 assign\$4) near5 (channel\$1 resource\$1 bandwidth) near5 (depend\$3 based) near5 (utilization usage use) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/21 17:16
S18 6	1	10/506783	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/21 17:16
S18 8	4	allocated near3 actual near3 (use utiliz\$6 usage) near5 (channel bandwidth) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 13:34
S19 0	14	(determin\$4 determining) near6 actual near3 (use utiliz\$6 usage) near5 (channel bandwidth) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 13:46
S19 2	63	(determin\$4 determining) near6 (actual real) near3 (used use utiliz\$6 usage) near5 (channel bandwidth) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 13:42
S19 3	73	(determin\$4 determining) near6 utilization near2 factor and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 13:42
S19 4	63	(determin\$4 determining) near6 utilization near1 factor and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 13:42
S19 5	63	(determin\$4 determining) near6 utilization near factor and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 13:43
S19 6	48	(determin\$4 determining) near3 utilization near factor and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 13:43
S19 7	4	bandwidth same (determin\$4 determining) near3 utilization near factor and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 13:43
S19 8	83	(determin\$4 determining) near6 (actual actually) near3 (use\$1 utiliz\$6 usage) near5 (channel bandwidth) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 14:33

## EAST Search History

S19 9	69	S198 not S190	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 13:56
S20 0	6	08/460965	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 13:56
S20 1	7	(455/453.ccls. 455/450.ccls. 455/452.1.ccls. 455/452.2.ccls.) and (determin\$4 determining) near6 (actual actually) near3 (used utiliz\$6 usage) near5 (channel bandwidth) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 14:53
S20 2	10	(370/468.ccls. 370/437.ccls. 370/232.ccls.) and (determin\$4 determining) near6 (actual actually) near3 (used utiliz\$6 usage) near5 (channel bandwidth) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 14:58
S20 4	78	(455/453.ccls. 455/450.ccls. 455/452.1.ccls. 455/452.2.ccls. 370/468.ccls. 370/437.ccls. 370/232.ccls.) and (allot\$3 allocat\$4 given) near5 (bandwidth capacity) same qos same (utiliz\$6 usage used) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 14:59
S20 5	78	(455/453.ccls. 455/450.ccls. 455/452.1.ccls. 455/452.2.ccls. 370/468.ccls. 370/437.ccls. 370/232.ccls.) and (allot\$3 allocat\$4 given) near5 (bandwidth capacity) same (qos quality\$2of\$2service quality near of near service) same (utiliz\$6 usage used) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 15:00
S20 6	8	(455/453.ccls. 455/450.ccls. 455/452.1.ccls. 455/452.2.ccls. 370/468.ccls. 370/437.ccls. 370/232.ccls.) and (allot\$3 allocat\$4 given) near5 (bandwidth capacity) same (qos quality\$2of\$2service quality near of near service) same (utiliz\$6 usage used) same (actual) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 15:12
S20 7	0	"2001019954"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 15:06

## EAST Search History

S20 8	1	"20010019954"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 15:10
S20 9	1	"4980886".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 15:10
S21 0	9	(455/453.ccls. 455/450.ccls. 455/452.1.ccls. 455/452.2.ccls. 370/468.ccls. 370/437.ccls. 370/232.ccls.) and guaranteed near5 (bandwidth capacity qos quality\$2of\$2service quality near of near service) same (utiliz\$6 usage used) same (actual) same \$3allocat\$4 and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 15:27
S21 1	13	(455/453.ccls. 455/450.ccls. 455/452.1.ccls. 455/452.2.ccls. 370/468.ccls. 370/437.ccls. 370/232.ccls.) and guaranteed near5 (bandwidth qos quality\$2of\$2service quality near of near service) same (utiliz\$7 usage used) same (actual) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 15:33
S21 2	12	S211 not S205	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 15:28
S21 3	4	S211 not S210	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 15:28
S21 4	39	guaranteed near5 (bandwidth qos quality\$2of\$2service quality near of near service) same (utiliz\$7 usage used) same (actual) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 15:33
S21 5	26	S214 not S211	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 15:35
S21 6	116	actual near3 bandwidth near (usage utilization)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 12:00
S21 7	78	actual near3 bandwidth near (usage utilization) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 15:36
S21 8	78	actual near3 bandwidth near (usage utilization) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 15:55

## EAST Search History

S21 9	172	(actual amount) near3 (bandwidth channel) near (usage utilization) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 15:56
S22 0	179	(actual\$4 amount) near3 (bandwidth channel) near (usage utilization) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 15:56
S22 1	28	"455".clas. and (actual\$4 amount) near3 (bandwidth channel) near (usage utilization) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 15:57
S22 2	10	"455".clas. and determin\$4 near4 (actual\$4 amount) near3 (bandwidth channel) near4 (usage utilization) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 16:04
S22 3	1557	utilization near (factor amount) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 16:04
S22 4	145	("455".clas. "370".clas.) and utilization near (factor amount) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 16:04
S22 5	1	("455".clas. "370".clas.) and actual near utilization near (factor amount) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/05 16:04
S22 7	71	determin\$4 near5 (actual amount) near5 bandwidth near4 (used utiliz\$7) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/05 16:07
S22 8	6	"455".clas. and determin\$4 near5 (actual amount) near5 bandwidth near4 (used utiliz\$7) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/05 16:09
S22 9	0	"455".clas. and (actual amount) near5 bandwidth near4 (used utiliz\$7) same (no near transmi\$6 idle) near2 time\$1 and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/05 16:10
S23 0	5	(actual amount) near5 bandwidth near4 (used utiliz\$7) same (no near transmi\$6 idle) near2 time\$1 and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/05 16:10
S23 1	0	(target same actual) near transmission near time same subtract	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/05 16:20
S23 2	0	(target same actual) near transmission near time same difference	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/05 16:20
S23 3	2	(target same actual) near transmission near time	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/05 16:23

## EAST Search History

S23 4	105	time near (interval\$1 period\$1) near2 (idle no near transmission\$1) near2 (detected determine\$3)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/05 16:24
S23 5	59	time near (interval\$1 period\$1) near2 (idle no near transmission\$1) near2 (detected determine\$3) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/05 16:24
S23 6	9	"455".clas. and time near (interval\$1 period\$1) near2 (idle no near transmission\$1) near2 (detected determine\$3) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/05 16:35
S23 7	1	10/491041	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/05 16:35
S23 8	1	10/692152	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/07 11:36
S23 9	10	allocated near3 actual near3 (use utiliz\$6 usage) near5 (channel bandwidth)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 11:44
S24 0	55	(determin\$4 determining) same actual near3 (use utiliz\$6 usage) near5 (channel bandwidth) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 11:47
S24 1	139	(455/453.ccls. 455/450.ccls. 455/452.1.ccls. 455/452.2.ccls. 370/468.ccls. 370/437.ccls. 370/232.ccls.) and (allot\$3 allocat\$4 given) near5 (bandwidth capacity) same qos and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 11:54
S24 2	123	determin\$4 near5 (actual amount) near5 bandwidth near4 (used utiliz\$7)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/08 11:56
S24 3	0	actual near3 bandwidth near (usage utilization) same "%"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 11:58
S24 4	12	actual near3 bandwidth near (usage utilization) and "%"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 11:58
S24 5	12	actual near3 bandwidth near (usage utilization) and "%"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 12:00

## EAST Search History

S24 6	239	bandwidth same (under\$1utilized un\$1used wasted) same (time near period time near span time near certain)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 17:59
S24 7	5	("455".clas. "370".clas.) and bandwidth same (under\$1utilized un\$1used wasted) same (time near period time near span time near certain) same actual and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 18:02
S24 8	72	(determin\$4 determining) near7 (actual real) near3 (used use utiliz\$6 usage) near5 (channel bandwidth) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 18:08
S24 9	78	(455/453.ccls. 455/450.ccls. 455/452.1.ccls. 455/452.2.ccls. 370/468.ccls. 370/437.ccls. 370/232.ccls.) and (allot\$3 allocat\$4 given) near5 (bandwidth capacity) same (qos quality\$2of\$2service quality near of near service) same (utiliz\$6 usage used) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 18:48
S25 0	29	(455/453.ccls. 455/450.ccls. 455/452.1.ccls. 455/452.2.ccls. 370/468.ccls. 370/437.ccls. 370/232.ccls.) and (determin\$4 calculat\$4) near5 (amount percentage percent factor) near5 (allocated allotted guaranteed) near5 bandwidth and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 18:49
S25 1	7	(455/453.ccls. 455/450.ccls. 455/452.1.ccls. 455/452.2.ccls. 370/468.ccls. 370/437.ccls. 370/232.ccls.) and (determin\$4 calculat\$4) near5 (amount percentage percent factor) near5 (allocated allotted guaranteed) near5 bandwidth near5 (used utilized utilization) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 18:57
S25 2	0	(determin\$4 calculat\$4) near5 (amount percentage percent factor) near5 (allocated allotted guaranteed) near5 bandwidth near5 (used utilized utilization) same time near5 (un\$1used idle "not" near used) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 18:58

## EAST Search History

S25 3	0	(determin\$4 calculat\$4) near5 (amount percentage percent factor) near5 (allocated allotted guaranteed) near5 bandwidth near5 (used utilized utilization) same time near7 (un\$1used idle "not" near used) and @ad<"20020312"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 18:59
S25 4	1	10/506783	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 15:48
S25 5	114	(allocated assigned) near3 (capacity bandwidth resource\$4) same (actual) near5 (usage used utiliz\$8) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 17:49
S25 6	70	(allocated assigned) near3 (capacity bandwidth) same (actual) near5 (usage used utiliz\$8) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 15:57
S25 7	1	(allocated assigned) near3 (capacity bandwidth) same determin\$4 near3 (actual) near5 (usage used utiliz\$8) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 15:58
S25 8	20	(455/453.ccls. 455/450.ccls. 455/452.1.ccls. 455/452.2.ccls. 370/468.ccls. 370/437.ccls. 370/232.ccls.) and (allocated assigned) near3 (capacity bandwidth resource\$4) same (actual) near5 (usage used utiliz\$8) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 17:56
S25 9	55	(allocated assigned) near3 (capacity bandwidth resource\$4) near15 (actual) near5 (usage used utiliz\$8) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 17:57
S26 0	91	(allocated assigned) near3 (capacity bandwidth resource\$4) near15 (actual\$4) near3 (usage used utiliz\$8) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 17:57
S26 1	23	(455/453.ccls. 455/450.ccls. 455/452.1.ccls. 455/452.2.ccls. 370/468.ccls. 370/437.ccls. 370/232.ccls.) and (allocated assigned) near3 (capacity bandwidth resource\$4) near15 (actual\$4) near3 (usage used utiliz\$8) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:09

## EAST Search History

S26 2	16	S261 not S258	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 17:58
S26 3	0	(allocated assigned) near3 (capacity bandwidth resource\$4) near15 (actual\$4) near3 (usage used utiliz\$8) near15 idle and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:10
S26 4	0	(allocated assigned) near3 (capacity bandwidth resource\$4) near15 (actual\$4) near10 "not" near (usage used utiliz\$8) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:11
S26 5	0	(allocated assigned) near3 (capacity bandwidth resource\$4) near15 "not" near (usage used utiliz\$8) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:12
S26 6	47	(allocated assigned) near3 (capacity bandwidth resource\$4) near15 actual near (usage used utiliz\$8) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:22
S26 7	1	(allocated assigned) near3 (capacity bandwidth resource\$4) near15 actual near (usage used utiliz\$8) same idle and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:18
S26 8	1	(allocated assigned expected) near3 (capacity bandwidth resource\$4) near15 actual near (usage used utiliz\$8) same idle and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:22
S26 9	53	(allocated assigned expected) near3 (capacity bandwidth resource\$4) near15 actual near (usage used utiliz\$8) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:24
S27 0	6	S269 not S266	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:22
S27 1	954	(capacity bandwidth resource\$4) near15 actual near (usage used utiliz\$8) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:24
S27 2	152	(capacity bandwidth resource\$4) near15 determin\$4 near8 actual near (usage used utiliz\$8) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:25

## EAST Search History

S27 3	0	(capacity bandwidth resource\$4) near15 determin\$4 near8 actual near (usage used utiliz\$8) near10 idle and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:25
S27 4	152	(capacity bandwidth resource\$4) near15 determin\$4 near8 actual near (usage used utiliz\$8) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:31
S27 5	12	(455/453.ccls. 455/450.ccls. 455/452.1.ccls. 455/452.2.ccls. 370/468.ccls. 370/437.ccls. 370/232.ccls.) and (capacity bandwidth resource\$4) near15 determin\$4 near8 actual near (usage used utiliz\$8) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/18 12:08
S27 6	0	(capacity bandwidth resource\$4) near15 determin\$4 near8 actual near (usage used utiliz\$8) near10 un\$1used and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:28
S27 7	4	(capacity bandwidth resource\$4) near15 determin\$4 near8 actual near (usage used utiliz\$8) same un\$1used and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:30
S27 8	0	(capacity bandwidth resource\$4) near15 determin\$4 near8 actual near (usage used utiliz\$8) same ("not" near (used utilized)) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:30
S27 9	22	(capacity bandwidth resource\$4) near15 determin\$4 near8 actual near (usage used utiliz\$8) near15 time and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:34
S28 0	12	("455".clas. "370".clas. "375".clas. ) and (capacity bandwidth resource\$4) near15 determin\$4 near8 actual near (usage used utiliz\$8) near15 time and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:40
S28 1	95	("455".clas. "370".clas. "375".clas. ) and (capacity bandwidth resource\$4) near10 actual\$4 near3 (usage used utiliz\$8) near15 time and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:41

## EAST Search History

S28 2	32	(455/453.ccls. 455/450.ccls. 455/452.1.ccls. 455/452.2.ccls. 370/468.ccls. 370/437.ccls. 370/232.ccls.) and (capacity bandwidth resource\$4) near10 actual\$4 near3 (usage used utiliz\$8) near15 time and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/17 18:41
S28 3	403	(455/453.ccls. 455/450.ccls. 455/452.1.ccls. 455/452.2.ccls. 370/468.ccls. 370/437.ccls. 370/232.ccls.) and (capacity bandwidth resource\$4) near15 determin\$4 near8 (used utiliz\$8) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/18 12:09
S28 4	71	(455/453.ccls. 455/450.ccls. 455/452.1.ccls. 455/452.2.ccls. 370/468.ccls. 370/437.ccls. 370/232.ccls.) and (capacity bandwidth resource\$4) near15 determin\$4 near4 (utilization) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/18 12:27
S28 5	18	(455/453.ccls. 455/450.ccls. 455/452.1.ccls. 455/452.2.ccls. 370/468.ccls. 370/437.ccls. 370/232.ccls.) and (allocat\$4 assign\$3) near3 (bandwidth resource\$4) near10 ((actual\$4) near4 (utilization used usage) near4 (bandwidth resource\$4)) and @ad<"20020312"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/18 12:30